

CLAIMS

1. A turbocharger mounted on an engine and having an EGR pipe through which part of exhaust gas is extracted from an exhaust manifold to be recirculated to a suction pipe, the exhaust manifold being internally divided by a partition for prevention of exhaust interference between cylinders,

characterized in that a turbine scroll is internally divided, for continuity with outlet flow paths of the exhaust manifold, by a partition such that one of the divided flow paths by the partition which serves for extraction of the exhaust gas to be recirculated is smaller in flow-path cross-sectional area than the other flow path which does not serve for extraction of the exhaust gas to be recirculated.

2. The turbocharger according to claim 1, characterized in that tongues are respectively provided at two circumferential positions of the turbine scroll, an exhaust inflow range from the tongue near the exhaust inflow port to the tongue away from the exhaust inflow port providing a throat portion only for one of the flow paths, the remaining exhaust inflow range from the tongue away from the exhaust inflow port back to the tongue near

the exhaust inflow port providing a throat portion only for the other flow path.

3. The turbocharger according to claim 1, characterized in that a throat of the turbine scroll is provided with a number of angularly adjustable nozzle vanes.

4. The turbocharger according to claim 2, characterized in that a throat of the turbine scroll is provided with a number of angularly adjustable nozzle vanes.